

Converting Colors

$Y_{xy}(44.1322, 0.2587, 0.2450)$

Have a look what the booklet for
Yxy(44.1322, 0.2587, 0.2450)
contains.

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Color

Yxy(44.0714, 0.2588, 0.2450)

Conversions

Conversions Part 1

Format	Color
Hex	A7ACF1
RGB	167, 172, 241
RGB Percent	65%, 67%, 95%
CMY	0.3453, 0.3254, 0.0550
CMYK	0.31, 0.29, 0.00, 0.05
HSL	236°, 73%, 80%
HSV	236°, 31%, 95%
XYZ	46.5538, 44.0714, 89.2581
YIQ	178.3710, -25.1290, 20.3990

Conversions

Conversions Part 2

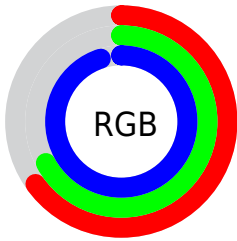
Format	Color
R_{YB}	167, 172, 241
Decimal	10988785
CIE _{Lab}	72.28, 13.63, -34.98
CIE _{LCh}	72, 37.542, 291.291
Yxy	44.0714, 0.2588, 0.2450
Android (android.graphics.Color)	4289178865 (0xFFA7ACF1)
YUV	178.3710, 30.8761, -9.9724
Hunter-Lab	66.3863, 8.9982, -33.2465

Details

The Yxy color `44.0714, 0.2588, 0.2450` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `81.4173, 0.3606, 0.4011`, and the grayscale version is `44.5670, 0.3127, 0.3290`.

A 20% lighter version of the original color is `78.0055, 0.2934, 0.3001`, and `20.4464, 0.2438, 0.2237` is the 20% darker color. If you saturate the color by 10%, you get `33.8547, 0.2382, 0.2121`, and if you desaturate by 10%, it is `56.2231, 0.2782, 0.2755`.

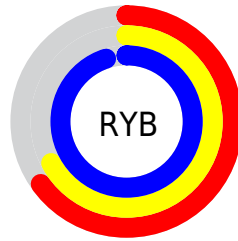
Distribution



Red (65%)

Green (67%)

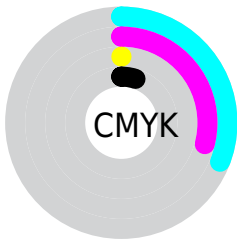
Blue (95%)



Red (65%)

Yellow (67%)

Blue (95%)

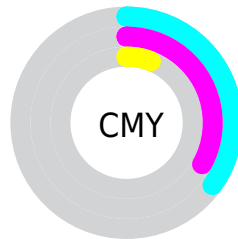


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0714, 0.2588, 0.2450 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 44.0714, 0.2588, 0.2450 by changing the saturation by 10% instead.

■ 44.0714, 0.2588,
0.2450

■ 44.0714, 0.2588,
0.2450

■ 362.9996, 0.2857,
0.2852

■ 30.7266, 0.2522,
0.2356

■ 81.3252, 0.2685,
0.2591

■ 20.3908, 0.2438,
0.2240

■ 106.0030, 0.2722,
0.2646

■ 12.6794, 0.2329,
0.2091

■ 135.2273, 0.2753,
0.2693

■ 7.2082, 0.2182,
0.1898

■ 169.3824, 0.2780,
0.2733

■ 3.5926, 0.1975,
0.1638

■ 208.8528, 0.2803,
0.2768

■ 1.4484, 0.1670,
0.1278

■ 254.0229, 0.2824,

■ 0.2520, 0.1186,

0.2799

0.0522

305.2770, 0.2842,
0.2827

0.0000, 0.0000,
0.0000

44.0714, 0.2588,
0.2450

44.0714, 0.2588,
0.2450

33.8547, 0.2382,
0.2121

56.2231, 0.2782,
0.2755

25.4681, 0.2172,
0.1781

70.3972, 0.2959,
0.3030

18.8049, 0.1969,
0.1448

86.6817, 0.3116,
0.3274

13.7451, 0.1790,
0.1146

99.1299, 0.3209,
0.3425

10.1529, 0.1649,
0.0899

■ 7.8705, 0.1555,
0.0725

■ 6.7370, 0.1509,
0.0633

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.0714, 0.2269, 0.2498



44.0714, 0.2588, 0.2450



44.0714, 0.3075, 0.2589

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.0714, 0.2588, 0.2450



44.0714, 0.4196, 0.3689



44.0714, 0.2617, 0.3745

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.0714, 0.2588, 0.2450



81.4173, 0.3606, 0.4011

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.0714, 0.3106, 0.4156



44.0714, 0.2588, 0.2450



44.0714, 0.4032, 0.4058

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.0714, 0.2588, 0.2450



44.0714, 0.4045, 0.3269



44.0714, 0.3626, 0.4256



44.0714, 0.2281, 0.3205

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0714, 0.2588, 0.2450



44.0714, 0.3441, 0.2769



44.0714, 0.3626, 0.4256



44.0714, 0.2768, 0.3909

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.0731, 0.2588, 0.2450



83.0173, 0.2987, 0.3074



77.0968, 0.2717, 0.3359



17.2214, 0.2963, 0.3037



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.0731, 0.2588, 0.2450



42.4461, 0.2457, 0.2242



45.9422, 0.2813, 0.2442



15.4030, 0.2979, 0.3063



3.7219, 0.1512, 0.0643



0.3702, 0.1543, 0.0753

Inverse Universe

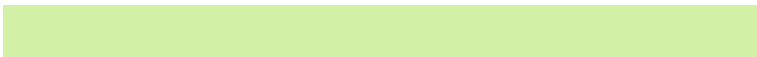
The Inverse Universe completely reimagines the original color for something new.



49.2923, 0.3776, 0.3236



49.4224, 0.3974, 0.3224



79.4093, 0.3372, 0.4117



15.7764, 0.3283, 0.3274



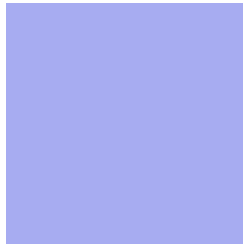
10.1691, 0.6327, 0.3259



0.8521, 0.6145, 0.3159

Previews

White Background



This preview shows how the Yxy color 44.0714, 0.2588, 0.2450 looks on a white background.

Color Contrast Check

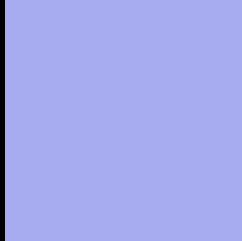
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 44.0714, 0.2588, 0.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

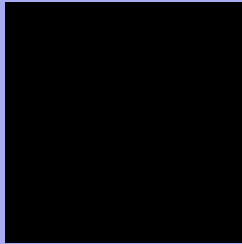
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0714, 0.2588, 0.2450

Background



This preview shows how black text looks on a background with the Yxy color 44.0714, 0.2588, 0.2450.



This preview shows how white text looks on a background with the Yxy color 44.0714, 0.2588, 0.2450.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.0714, 0.2588, 0.2450

Protanopia

44.2991, 0.2514, 0.2452

Deuteranopia

44.2203, 0.2537, 0.2485



Tritanopia

44.1560, 0.2827, 0.3099

Trichromacy



Original Color

44.0714, 0.2588, 0.2450

Protanomaly

44.2600, 0.2544, 0.2455

Deuteranomaly

44.1404, 0.2556, 0.2476

Tritanomaly

44.1713, 0.2738, 0.2845

Monochromacy



Original Color

44.0714, 0.2588, 0.2450

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2664, 0.2915, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0714, 0.2588, 0.2450 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(167, 172, 241)` looks like.

```
.text, #text, p{  
    color:rgb(167, 172, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(167, 172, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 172, 241) }
```

Border

The CSS property to change the border of an element to Yxy 44.0714, 0.2588, 0.2450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 172, 241) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(167, 172, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(167, 172, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 172, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 172, 241);  
box-shadow:4px 4px 4px 4px rgb(167, 172,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0714, 0.2588, 0.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 172, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(167,  
172, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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